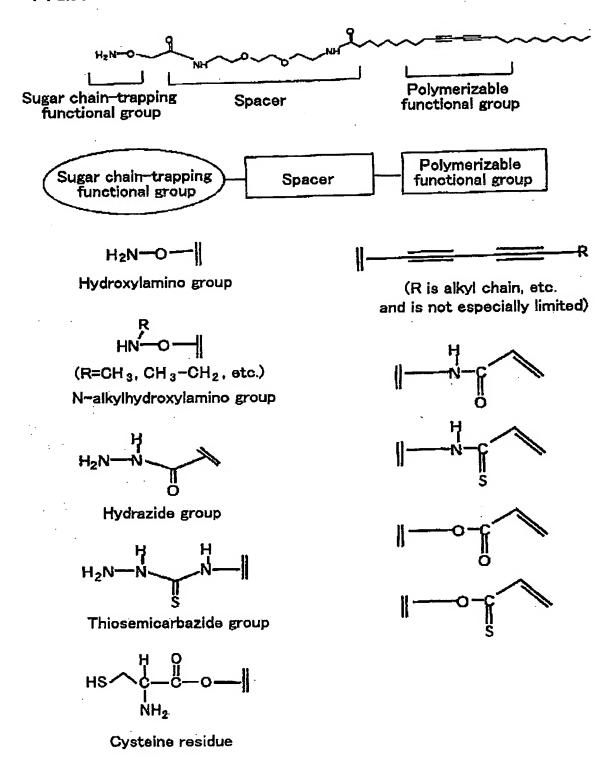
, 1

FIG.1



Scheme 1: Synthesis path to photopolymerizable hydroxylamino derivative

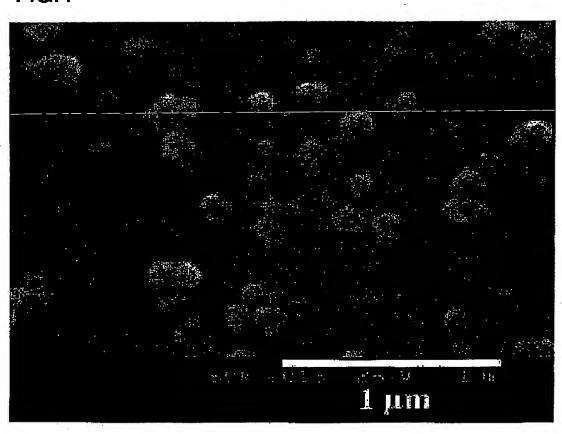
FIG.3

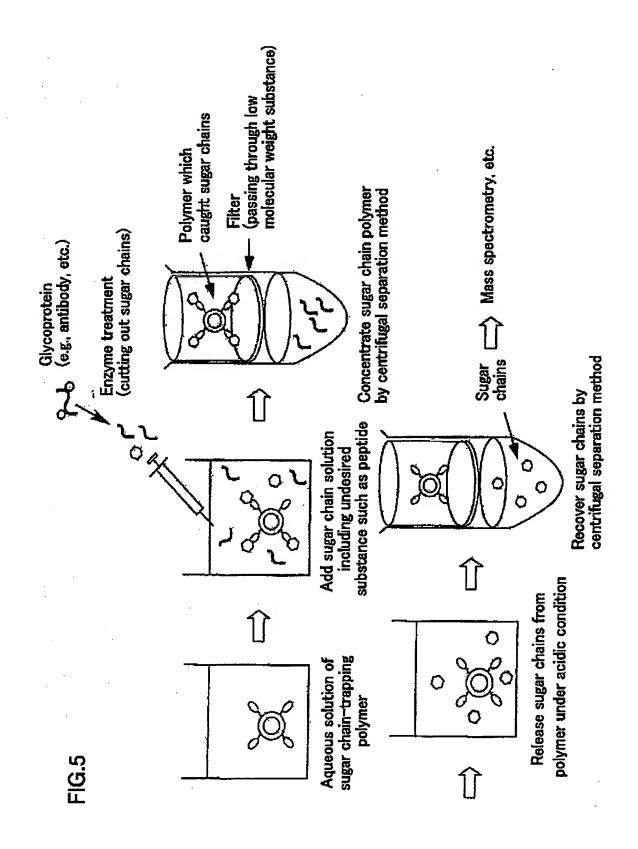
4 Photopolymerizable hydroxylamino derivative

5 Photopolymerizable matrix molecule

Example of sugar chain-trapping polymer

FIG.4





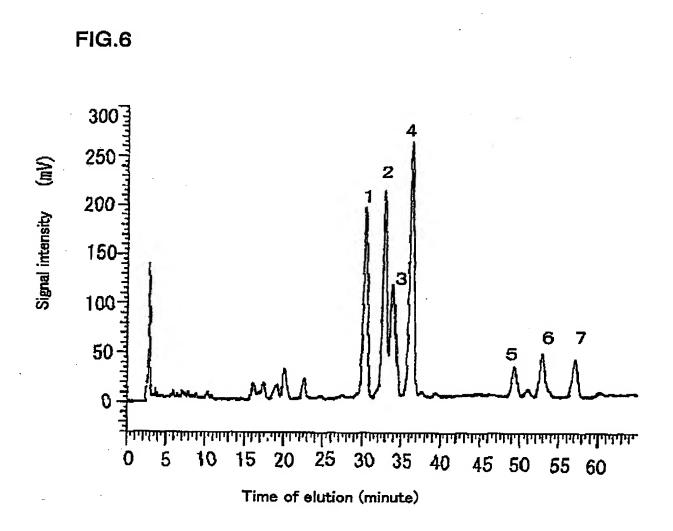


FIG.7

Peak number	Sugar chain structure	Proportion (%)
1	GN β 1, 2-M α 1, 6 F α 1, 6 M β 1, 4-GN β 1, 4-GN GN β 1, 2-M α 1, 3.	19
2	GNβ1, 2-Mα1, 3 Gβ1, 3-GNβ1, 2-Mα1, 6 Fα1, 6 Mβ1, 4-GNβ1, 4-GN GNβ1, 2-Mα1, 3	22
3	GN β 1, 2-Mα 1, 6 Fα 1, 6 Mβ 1, 4-GN β 1, 4-GN Gβ 1, 3-GN β 1, 2-Mα 1, 3	15
4	G β 1, 3-GN β 1, 2-Mα 1, 6 M β 1, 4-GN β 1, 4-GN G β 1, 3-GN β 1, 2-Mα 1, 3	28
5	GN β 1, 2-M α 1, 6 GN β 1, 4-M β 1, 4-GN β 1, 4-GN GN β 1, 2-M α 1, 3	4
6	$G\beta1, 3$ -GN $\beta1, 2$ -M $\alpha1, 6$ F $\alpha1, 6$ GN $\beta1, 4$ -M $\beta1, 4$ -GN $\beta1, 4$ -GN GN $\beta1, 2$ -M $\alpha1, 3$ 及び GN $\beta1, 2$ -M $\alpha1, 6$ F $\alpha1, 6$ GN $\beta1, 2$ -M $\alpha1, 6$ F $\alpha1, 6$ GN $\beta1, 4$ -GN $\beta1, 4$ -GN $\beta1, 4$ -GN $\beta1, 4$ -GN $\beta1, 3$ -GN	7
7	G β 1, 3-GN β 1, 2-Mα 1, 6 GN β 1, 4-Mβ 1, 4-GN β 1, 4-GN G β 1, 3-GN β 1, 2-Mα 1, 3	5

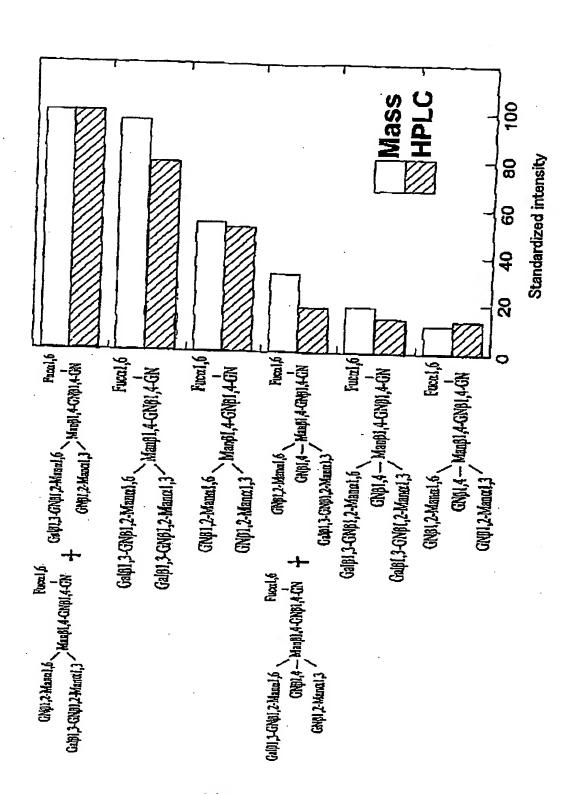
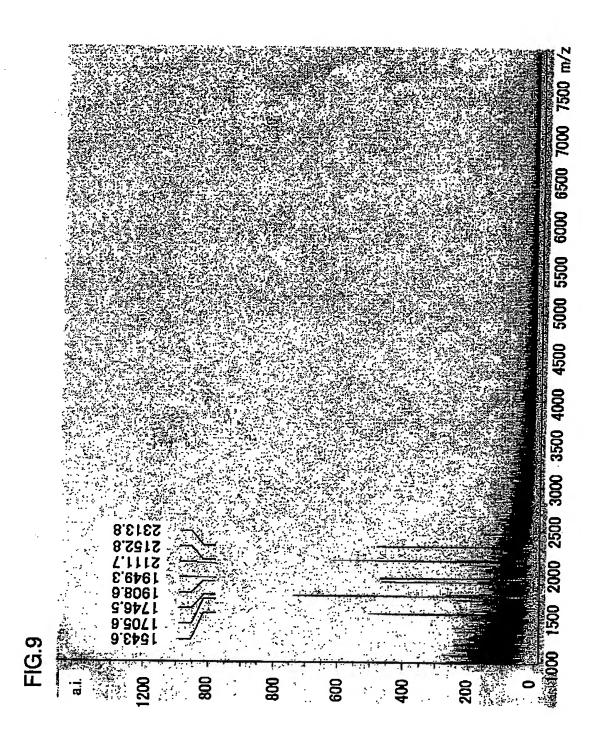
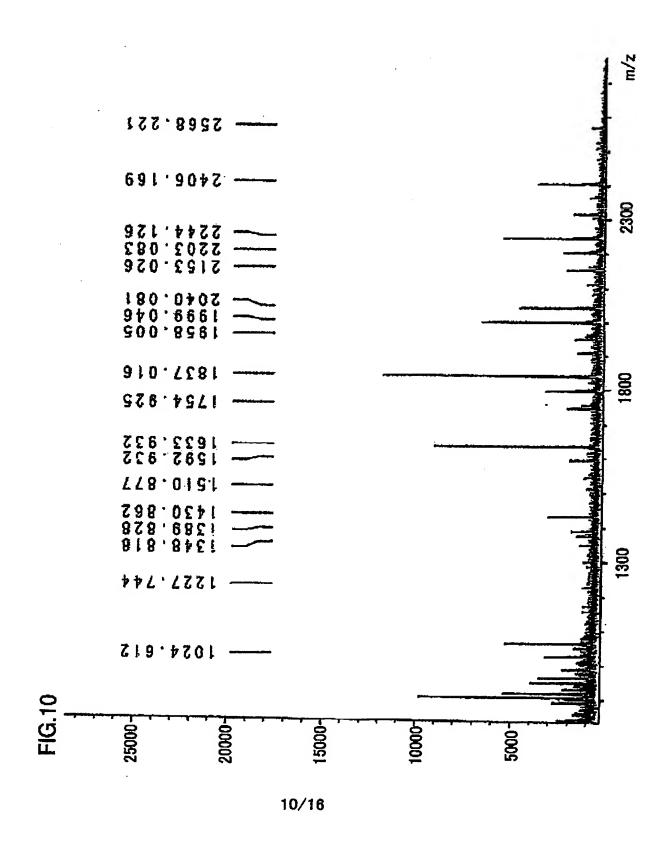
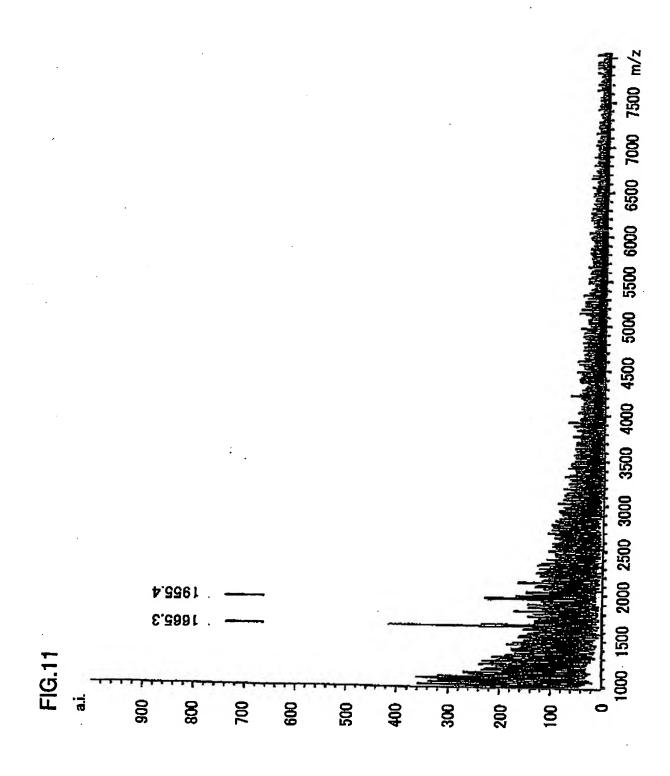
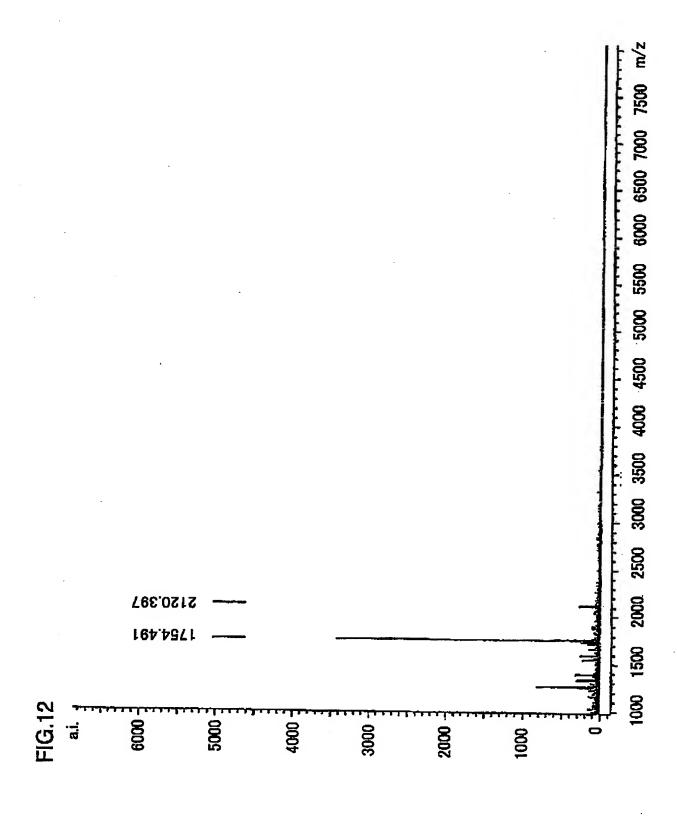


FIG.8

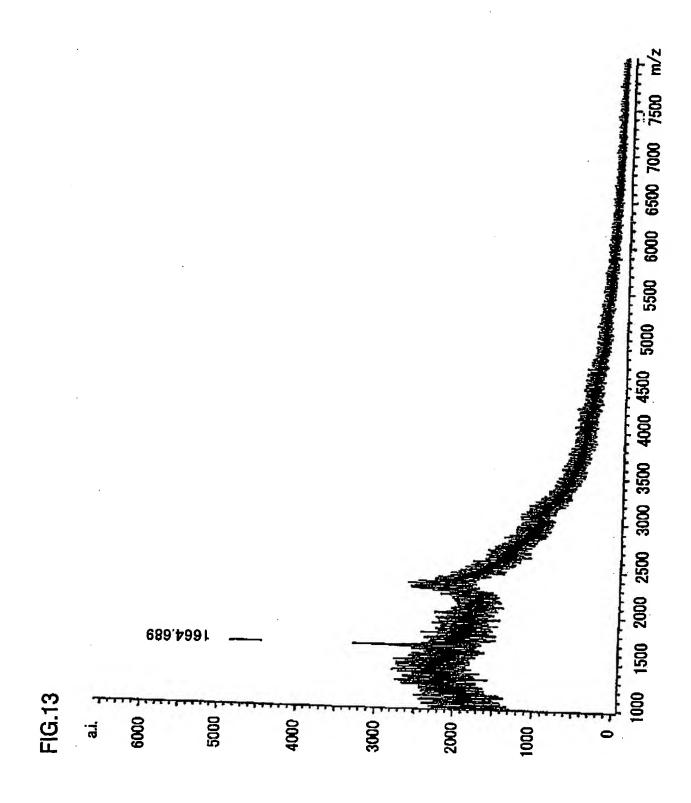




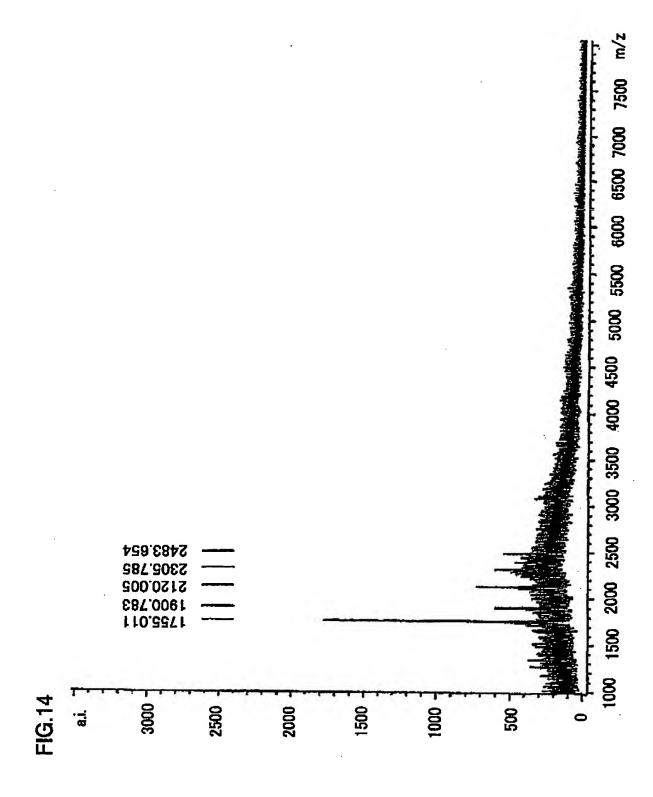




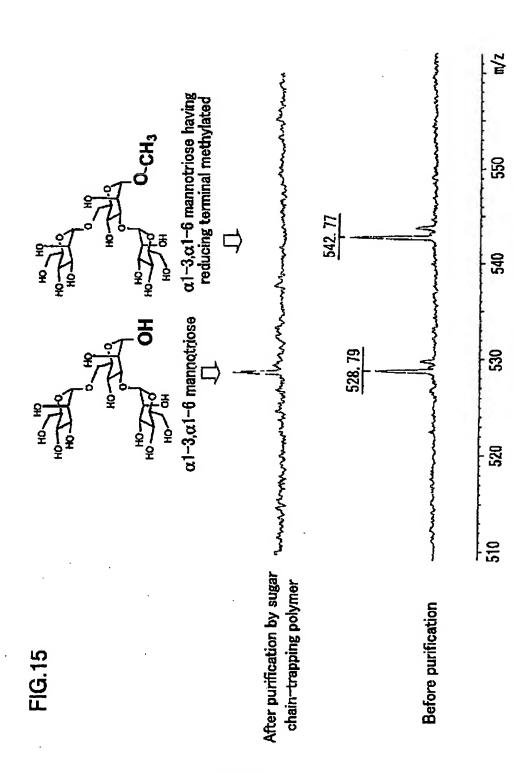
12/16

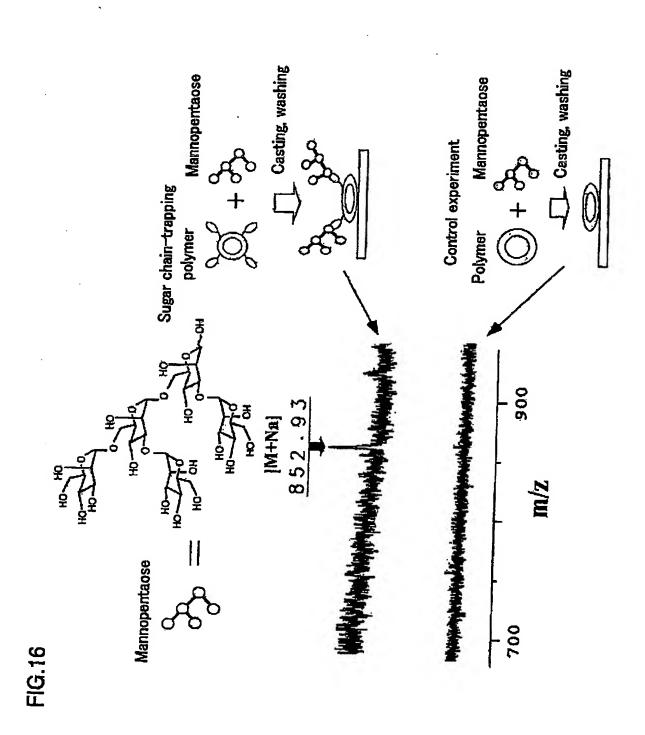


13/16



14/18





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